

**Request to Amend a Proposal during Assessment under Section 43A of the  
*Environmental Protection Act 1986***

**Proposal Content Document**

**Hope Downs 2 Proposal – Assessment Number 2316**

July 2024

Hamersley HMS Pty Limited

RTIO-0953507

## Proposal Content Document

**Table 1: Summary of the Proposal**

Component	Referred Description	Proposed Amendment Description
<b>Proposal title</b>	Hope Downs 2 Proposal	No change
<b>Proponent name</b>	Hammersley HMS Pty Ltd	No change
<b>Short description</b>	<p>The Proposal is to develop and operate an above water table (AWT) iron ore mine and associated infrastructure approximately 80 km north-west of Newman in the Pilbara region of Western Australia. The Proposal is on the traditional lands of the Nyiyaparli, Ngarlawangga and Banjima people.</p> <p>The Hope Downs 2 Proposal (the Proposal) includes but is not limited to the following:</p> <ul style="list-style-type: none"> <li>• Development and operation of two AWT iron ore deposits: HD2 and BHT.</li> <li>• Mineral waste management infrastructure: including waste rock landforms, landbridges, low grade ore stockpiles, and topsoil and sub-soil stockpiles.</li> <li>• New processing infrastructure: including dry processing facilities at HD2 and/or BHT deposits.</li> <li>• Support facilities: including workshops, hydrocarbon storage areas, Ammonium Nitrate Fuel Oil (ANFO) facilities, laydown areas, turkey's nests, transfer pads and offices.</li> <li>• Linear infrastructure: including heavy and light vehicle access roads, railway crossing, conveyors, pipelines, power distribution network (including sub-stations), communications distribution network and associated communications infrastructure.</li> <li>• Renewable energy: including renewable energy generation, energy storage, and associated ancillary infrastructure.</li> <li>• Realignment of up to 6 km of the Great Northern Highway.</li> <li>• Infrastructure for surface water management: including Pebble Mouse Creek crossings, diversion drains, levees and culverts.</li> <li>• Infrastructure for water supply: including abstraction of groundwater and/ or use of surplus water from local sources and adjacent operations.</li> <li>• Accommodation: including installation of an upgrade of existing accommodation and/or new construction camp.</li> </ul>	No change

**Table 2: Proposal key characteristics**

Element	Location	HD2 Proposal Extent	Proposed Amendment	HD2 Proposal Amendment Extent
<b>Physical Elements</b>				
Mine and associated infrastructure	Figure 1	Clearing of up to 4,900 ha within a 12,409.5 ha Development Envelope.	No change	No change.
<b>Operational Elements</b>				
Water supply		Abstraction of up to 3 GL per annum or use of surplus water from adjacent operations	No change	No change
<b>Proposal Elements with Greenhouse Gas Emissions</b>				
Scope 1 <sup>1</sup>	Diesel and land clearing – no more than 200,518 tonnes of carbon dioxide equivalent (tCO <sub>2</sub> -e) per annum		Increase in predicted annual Scope 1 emissions by 47,597 tCO <sub>2</sub> -e per annum	Diesel and land clearing – no more than <b>248,115 tCO<sub>2</sub>-e per annum</b>
Scope 2 <sup>1</sup>	Electricity generation – no more than 6,330 tCO <sub>2</sub> -e per annum		Increase Scope 2 emissions by 41,460 tCO <sub>2</sub> -e per annum	Electricity generation – no more than <b>47,790 tCO<sub>2</sub>-e per annum</b>
Scope 3 <sup>2</sup>	382 Mt CO <sub>2</sub> -e		Decrease in total Scope 3 emissions by 21 Mt CO <sub>2</sub> -e	<b>361 Mt CO<sub>2</sub>-e</b>
<b>Rehabilitation and Closure</b>				
The key closure outcome of this Proposal will be a safe, stable and non-polluting landscape consistent with the post-mining land use and consider environmental and cultural heritage values.				No change
<b>Other Elements that affect extent of effects on environment</b>				
Proposal time	Maximum operational project life		Estimated 15 years	No change

<sup>1</sup> Predicted peak annual emissions include forecast existing operations and new activities associated with the Amended Proposal

<sup>2</sup> Attributable to this Proposal



